

ABSTRACT OF THE DISCLOSURE

~~An aspect of the invention can provide an~~ optical apparatus ~~having~~ includes a color synthesizing prism, a plurality of exit-side polarizer plates which are respectively arranged on the light entrance side faces of the color synthesizing prism through entrance-side heat conduction plates, a plurality of liquid-crystal display devices which are respectively arranged on the entrance sides of the plurality of exit-side polarizer plates, and a plurality of entrance-side polarizer plates which are respectively arranged on the entrance sides of the plurality of liquid-crystal display devices. The entrance-side heat conduction plate which is located in the optical path of colored light generating the largest quantity of heat can be arranged in heat insulation from the entrance-side heat conduction plates which are located in the optical paths of the other colored lights, and it can be joined to an armoring case through heat conduction members. ~~Thus, a projector which is capable of reducing a size and lowering noise and heightening a heat radiation efficiency is provided.~~